Date a Day	nd Time Time	Schedule		Presentation Title						
Thursday, September 21	12:00 - 16:00	12:00 - 18:00 13:00-13:10 13:05-13:15 13:15-13:30 13:30-14:00 14:00-14:30		NIEC/RoEduNet rgency Service for Resuscitation and Extrication e for Advanced Studies on River-Sea Systems		et support				
	14:30 - 1									
	and Time	Schedule		Presentation Title						
<i>Day</i> י ש	Time	15:00-16:00	The 4th Industrial Revolution, Nex	t Generation Wi-Fi and Intelligent Data						
Thursday, September 21	16:30 - 19:00	16:00-17:00	The Networking Grand Challenge: Can We Rise to It?							
Thu Sept		17:00-18:30 18:00-19:00	Cisco Security Updates – Focus on Endpoint Next generation network architecture – a foundation for the communications in the digital age							
	19:00 - 2	2:00								
Date a	and Time	Social	l Networking and Services - roo	om 1 (L21)	Date av	nd Time				
Date a Day	Time	– Paper time	Paper Title	Paper Authors	Day	Time	Paper t			
er 22		09:00-09:20	The Use of Social Platforms And Personal Data Protection – An Exploratory Study	Bogdan Tiganoaia, Alexandra Cernian, Andrei Niculescu	er 22		09:00-0			
eptember	0-10:40	09:20-09:40	Predicting through Writing Style the Impact of Blog Posts in Online Communities	Dragos-Georgian Corlatescu, Ionut Cristian Paraschiv, Mihai Dascalu, Stefan Trausan-Matu, Nicolae Nistor Cosmin Grozea, Dumitru-Clementin Cercel, Cristian Onose,	eptember	09:00-10:40	09:20-0			
ly, Se	00:60	09:40-10:00	Atlas: News Aggregation Service Collecting Facebook Data For Big Data	Stefan Trausan-Matu	y, Sel		09:40-1			
Friday,		10:00-10:20	Research LED-based indoor navigation system for	Ioan Dragan, Razvan Zota	Friday,		10:00-1			
		10:20-10:40	product localization in stores	Ioana-Ozana Buse, Alexandru Radovici			10:20-1			
	10:40-1		 uting and Network Virtualisati	an - room 1 (121)						
Date a	and Time	Paper time	Paper Title	Paper Authors		١	Paper ti			
<b>Day</b>	Time	11:00-11:20	Horizontal Scalability towards server	Ancuta-Pentronela Barzu, Drd. Mihai Barbulescu, Mihai	<b>Day</b>	Time	11:00-1			
	50		performance improvement Enhance Privacy in Big Data and Cloud via Diff-	Carabas		20				
F	2:2	11:20-11:40	Anonym Algorithm Applications of the Cisco APIC-EM Software-	Imad Ali Hassoon, Nicolae Tapus, Anwar Chitheer Jasim	September	-12:2	11:20-1			
pter					ay, Sep	11:00-12:20	1 1 1 1 1			
day, Septembei	11:00-12:20	11:40-12:00	Defined Networking Controller for a Virtualized Testbed	Cristina-Maria Gheorghe, Calin-Marian Iurian, Eduard- Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota	day, S€	11:00	11:40-1			
Friday, Septer	11:00-1	11:40-12:00 12:00-12:20	Defined Networking Controller for a		Friday, Se	11:00				
Friday, Septer	11:00-1 12:20-1	12:00-12:20	Defined Networking Controller for a Virtualized Testbed	Florentin Luchian, lustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana	Friday, Se	11:00				
Friday,	12:20-14	12:00-12:20 4:00 n Education and	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in	Friday, Se	11:00	12:00-1			
Eriday, Net	12:20-14 tworking i	12:00-12:20 4:00 n Education and Ec	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21)	Friday,	nd Time	12:00-1			
Friday,	12:20-14 tworking i	12:00-12:20 4:00 n Education and Ec Paper time	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in	Friday,		12:00-1 Networ Paper ti			
Date a	12:20-14 tworking i	12:00-12:20 4:00 n Education and Ec Paper time 14:00-14:20	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le Sucation and Research - room Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise	22 Friday,	nd Time	12:00-13 Networ - Paper ti 14:00-14			
Date a	12:20-14 tworking i and Time Time	12:00-12:20 4:00 n Education and Ec Paper time 14:00-14:20 14:20-14:40	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room T Paper Title Computer Science Student Contests: Individuals or Teams?	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu,	22 Friday,	nd Time Time	12:00-12 Networ Paper ti 14:00-14 14:20-14			
September 22 <b>Date a</b>	12:20-14 tworking i and Time Time	12:00-12:20 4:00 n Education and Ec Paper time 14:00-14:20	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon,	September 22 <b>Abd</b> Friday,	nd Time Time	12:00-1 Networ Paper ti 14:00-1 14:20-1 14:40-1			
eptember 22 Date a	12:20-14 tworking i	12:00-12:20 4:00 n Education and Ec Paper time 14:00-14:20 14:20-14:40 14:40-15:00	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu	eptember 22 <b>Abd</b> Friday,	nd Time Time	12:00-12 Networ Paper ti 14:00-14 14:20-14 14:40-12 15:00-12			
September 22 <b>Date a</b>	12:20-14 tworking i and Time Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru	September 22 <b>Abd</b> Friday,	nd Time Time	12:00-12 Networ Paper ti 14:00-14 14:20-14 14:40-12 15:00-12			
September 22 <b>Date a</b>	12:20-14 tworking i and Time Time 15:40-1	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici	September 22 <b>Abd</b> Friday,	nd Time Time	12:00-12 Networ Paper ti 14:00-14 14:20-14 14:40-15 15:00-15			
Friday, September 22 Friday,	12:20-14 tworking i and Time Time 012:100-12:40-1 15:40-1 Technolo and Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici	Friday, September 22 Friday,	nd Time Time 14:00-12:40	12:00-12 Networ Paper ti 14:00-14 14:20-14 14:40-12 15:00-12 15:20-12			
Eriday, September 22 Friday, Friday,	12:20-14 tworking i and Time Time 07:5:40-1 15:40-1 Technolo	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le Sucation and Research - room for Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici	Friday, September 22 Friday, Friday,	nd Time Time	12:00-12         Networ         Paper ti         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15			
r 22 Friday, September 22 Friday, Friday,	12:20-14 tworking i and Time 07:51-00:12:40-1 15:40-1 15:40-1 Technolo and Time Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a <i>Paper Title</i> Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors	22 Friday, September 22 Friday, Friday,	nd Time Time 14:00-12:40	12:00-13         Networ         Paper til         14:00-14         14:20-14         14:40-13         15:00-13         15:20-13         16:00-10			
r 22 Friday, September 22 Friday, Friday,	12:20-14 tworking i and Time 07:51-00:12:40-1 15:40-1 15:40-1 Technolo and Time Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room for Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici Munef Abdullah Ahmed, Stefan Trausan-Matu	22 Friday, September 22 Friday, Friday,	nd Time Time 14:00-12:40	11:40-12         12:00-12         Networ         Paper ti         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-15			
September 22 Betember 22 Friday, September 22 Friday,	12:20-14 tworking i and Time 07:51-00:12:40-1 15:40-1 15:40-1 Technolo and Time Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a <i>Paper Title</i> Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-12         Networ         Paper ti         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-17			
September 22 Betember 22 Friday, September 22 Friday,	12:20-14 tworking i and Time Time 012:100-12:40-1 15:40-1 Technolo and Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a <i>Paper Title</i> Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota   Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu   arning / OpenSource and GNU in (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici Ind Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-12         Networ         Paper til         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-17         17:00-17			
r 22 Friday, September 22 Friday, Friday,	12:20-14 tworking i and Time 07:51-00:12:40-1 15:40-1 15:40-1 Technolo and Time Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room <i>Paper Title</i> Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a <i>Paper Title</i> Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici	22 Friday, September 22 Friday, Friday,	nd Time Time 14:00-12:40	12:00-12         Networ         Paper til         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-17         17:00-17			
Friday, September 22 <b>Aprilia</b> <b>Friday, September 22</b> <b>Friday, September 22</b> <b>Friday, Friday, September 22</b> <b>Friday, Friday, September 22</b> <b>Friday, Friday, Friday, September 22</b> <b>Friday, Friday, Friday, September 22</b> <b>Friday, September 23</b> <b>Friday, September 23</b> <b>Friday, September 23</b> <b>Friday, September 23</b> <b>Friday, September 23</b> <b>Friday, September 24</b> <b>Friday, September 24</b> <b>Friday, September 24</b> <b>Friday, September 25</b> <b>Friday, September 25</b>	12:20-14 tworking i and Time 07:5:40-1 15:40-1 Technolo and Time 07:12:70-1 15:40-1 Technolo	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room for Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression Enhancing the Physical Activity of Older Adults Based on User Profiles	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia Rusu, Raluca Arba, Bogdan Cramariuc	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-12         Networ         Paper til         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-17         17:00-17			
Friday, September 22 Friday, September 22 Friday, September 22 <b>Date a</b>	12:20-14 tworking i and Time 07:51-00:12:40-1 15:40-1 15:40-1 Technolo and Time Time	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room for Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression Enhancing the Physical Activity of Older Adults Based on User Profiles	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-12         Networ         Paper til         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-17         17:00-17			
Friday, September 22 Friday, September 22 Friday, September 22 <b>Date a</b>	12:20-14 tworking i and Time Time 15:40-1 Technolo and Time Time 01:21-00:91	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Led ducation and Research - room Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression Enhancing the Physical Activity of Older Adults Based on User Profiles	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia Rusu, Raluca Arba, Bogdan Cramariuc	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-13         Networ         Paper til         14:00-14         14:20-14         14:20-14         15:00-13         15:20-13         16:00-14         16:20-14         16:40-13         17:00-13			
Friday, Friday, September 22 <b>Bage</b> September 22 <b>Abge</b> Friday, September 22 <b>Friday</b> , Friday, September 22 <b>Friday</b> , Friday, September 22 <b>Friday</b> , Friday, F	12:20-14 tworking i and Time Time 15:40-1 Technolo and Time Time 18:10 18:10 18:10 18:10 18:10 18:10	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Led ducation and Research - room Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression Enhancing the Physical Activity of Older Adults Based on User Profiles	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia Rusu, Raluca Arba, Bogdan Cramariuc	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-13         Networ         Paper til         14:00-14         14:20-14         14:20-14         15:00-13         15:20-13         15:20-14         16:00-16         16:20-16         16:40-13         17:00-13			
Friday, September 22 Friday, September 22 Friday, September 22 <b>Date a</b>	12:20-14 tworking i and Time Time 15:40-1 Technolo and Time Time 18:10 18:10 18:10 18:10 18:10 18:10	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Led ducation and Research - room Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning tools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression Enhancing the Physical Activity of Older Adults Based on User Profiles	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia Rusu, Raluca Arba, Bogdan Cramariuc	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-13         Networ         Paper til         14:00-14         14:20-14         14:20-14         15:00-13         15:20-13         15:20-14         16:00-16         16:20-16         16:40-13         17:00-13			
Friday, Friday, Friday, September 22 Red Friday, September 22 Red Friday, September 22 Red Friday, September 22 Red Parage	12:20-14 tworking i and Time Time 15:40-1 Technolo and Time Time 18:10 18:10 18:10 18:10 18:10 18:10	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning dools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression Enhancing the Physical Activity of Older Adults Based on User Profiles	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia Rusu, Raluca Arba, Bogdan Cramariuc	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-12         Networ         Paper ti         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-17			
Friday, Friday, September 22 <b>Bage</b> September 22 <b>Abge</b> Friday, September 22 <b>Friday</b> , Friday, September 22 <b>Friday</b> , Friday, September 22 <b>Friday</b> , Friday, F	12:20-14 tworking i and Time 15:40-1 15:40-1 15:120-12:40 15:40-1 15:120-12:40 15:120-12:40 15:120-12:40 15:120-12:40 15:120-12:40 15:120-12:40 15:120-12:40 15:120-12 15:12	12:00-12:20         4:00         n Education and Education	Defined Networking Controller for a Virtualized Testbed Cloud Computing for a Hybrid System d Research / Open Distance Le ducation and Research - room Paper Title Computer Science Student Contests: Individuals or Teams? Intelligent Agent based Expert System for Blended Learning Evaluation Collaborative learning dools for formal and informal engineering education Problem-based learning and project-based learning concepts and their applications to engineering education Open Source Platform for Sharing Internet of Things Educational Materials Internet / Pervasive Systems a Paper Title Using natural language processing for analyzing arabic poetry rhythm Preemptive Infrastructure Maintenance Through Adaptive Pattern Search Development Platform for Building Advanced Internet of Things Systems Key-Byte Algorithm for Image Compression Enhancing the Physical Activity of Older Adults Based on User Profiles	Florentin Luchian, Iustin-Alexandru Ivanciu, Virgil Dobrota Mihaela Puianu, Ramona-Oana Flangea, Mariana Marinescu, Viorel Marinescu arning / OpenSource and GNU in 1 (L21) Paper Authors Zoran Constantinescu, Simona Nicoara, Monica Vladoiu, Gabriela Moise Maria Viorela Muntean Bogdan Paul Fazakas, Ovidiu Claudiu Iuonas, Cosmin Porumb, Bogdan Iancu Andrei Mihai Rad, Tudor Horea Popa, Vasile-Danut Mihon, Bogdan Iancu Alexandru Vochescu, Ioana Culic, Sorina Goran, Alexandru Radovici md Computing - room 1 (L21) Paper Authors Munef Abdullah Ahmed, Stefan Trausan-Matu Florin B. Manolache, Octavian Rusu Ioana-Maria Culic, Alexandru Radovici Feras Sameer Alhaijawy Imad Alex Awada, Irina Mocanu, Adina Magda Florea, Lucia Rusu, Raluca Arba, Bogdan Cramariuc	September 22 <b>Aproximate September 22 Aproximate September 22 Friday,</b>	nd Time Time 14:00-12:40	12:00-12         Networ         Paper til         14:00-14         14:20-14         14:40-15         15:00-15         15:20-15         16:00-16         16:20-16         16:40-17         17:00-17			

	<b>Opening Plenary Sessio</b>	n			
					Title and affiliation
		Presenter			Title and affiliation
	Calin Enachescu	Registration			University of Targu Mures
	Gheorghe Dinu Raed Arafat				ency ARNIEC/RoEduNet e Ministry of Internal Affairs, Founder of SMURD
	Octavian Rusu Slavko Gajin			IEC/RoEdu	Net, "Alexandru Ioan Cuza" University from Iasi
	· · · · · · · · · · · · · · · · · · ·	offee Break	GLANT / UN	versity of i	beigiau
	Sponsors Session	~			
	•	)			Title and affiliation
		Presenter			Title and affiliation
	Stephen Hoy Lx Renner		Aerohive Juniper		
	Petre Popescu		Datanets		
	Vlad Biristeica		Cisco		
	Welcome Cocktail - "Petro	u Maior" University of Targu Mures			
	Network Security - room 2 (L2	4)			WORKSHOP AEROHIVE - room 3
r time	Paper Title	Paper Authors	Date an Day	d Time Time	Title
-09:20	Challenges in security in Internet of Things	Iulia Florea, Laura Cristina Ruse, Razvan Rughinis	22		During this half day workshop, you will configure net
-09:40	Sensor Data Validation and Abnormal Behavior Detection in the Internet of Things	Hunor Sándor, Béla Genge, Zoltán Szántó	eptember	0-10:40	settings yourself and experience how easy and simpl to operate and deploy Aerohive's Management Platfo You will learn the business benefits of a controller-le
-10:00	Operations on encrypted data in an ORM made for encrypted choreographies	Sinică Alboaie, Lenuța Alboaie, Ioana Bogdan, Mircea F. Vaida	Ň	00:60	Fi solution and have the opportunity to discuss your
-10:20	New Cryptanalytic Results on the Effect of Invariance Weakness in the KSAm Mechanism	Bogdan Crainicu, Adam Gergely	Friday,	50	business challenges direct with our specialists during networking session at the end of the workshop.
-10:40	Counting Bits in Parallel	Kinga Marton, Bolba Raluca, Alin Suciu	<u>ل</u> د		
	Ca	offee Break	<u>I</u> I		
	Senzor Networking - room 2 (L2	24)			WORKSHOP AEROHIVE - room 3
r time	Paper Title	Paper Authors	Date an Day	d Time Time	- Title
-11:20	Industrial WSN node extension and measurement systems for air, water and environmental monitoring	Dumitru Cristian Trancă, Daniel Rosner, Rareș Curatu, Adrian Surpățeanu, Mariana Mocanu, Ștefan Pardău, Alexandru Viorel Pălăcean	er 22	_	During this half day workshop, you will configure net
-11:40	A Geno-Neural Approach to Data Fusion for Fixed Infrared Sensor Arrays	Ioan Marica, Monica Patrascu	embe	2:20	settings yourself and experience how easy and simpl to operate and deploy Aerohive's Management Platfo
-12:00	Encoder-based Path Tracking with Adaptive Cascaded Control for a Three Omni-wheel Robot	Vlad Barbulescu, Ioan Marica, Viorel Gheorghe, Mircea Nistor, Monica Patrascu	y, September	11:00-12:20	You will learn the business benefits of a controller-le Fi solution and have the opportunity to discuss your business challenges direct with our specialists during
-12:20	EDMHT-LEACH: Enhancing the Performance of the DMHT- LEACH Protocol for Wireless Sensor Networks	Emad Alnawafa, Ion Marghescu	Friday,		networking session at the end of the workshop.
		Lunch			
ork Ma	nagement / Wireless and Mobile Net	works - room 2 (L24)			WORKSHOP GÉANT - room 3 (A
r time	Paper Title	Paper Authors	Date an Day	d Time Time	Title
-14:20	A comprehensive study: Ant Colony Optimization (ACO) for Facility Layout Problem	Raed Abdulkareem Hasan, Mostafa Abdulgafoor Mohammed, Nicolae Țăpuș, Omar Abdulmaged Hammood	7		
-14:40	Evaluation of WIMAX Network Performance of Baghdad city using different audio codecs	Haider M. Turki Al-Hilfi, Ali H. Najim, Ali M. Alsahlany	er 22	0	
-15:00	Measurement of Node Mobility for the LoRa Protocol	Marius Lucian Andrei, Liviu Alexandru Rădoi, Dan Ștefan Tudose	September	00-15:40	,
-15:20	Implementation of a SDR-based Redundant Access Network using NI USRP-RIO	Alexandru Voina, Cristian Codău, Andra Pastrav, Tudor Palade, Emanuel Puschita, Horia Hedesiu, Claudiu Chirap		14:00-	eduroam in GÉANT Trust and Identity services por
-15:40	Experimental Evaluation of the IEEE 802.11ac Standard Using NI USRP 2954R	Cristian Codău, Alexandru Voina, Andra Pastrav, Tudor Palade, Emanuel Puschita, Horia Hedesiu, Claudiu Chirap	Friday,		
		offee Break			
	Grid, HPC - room 2 (L24)	1			
r time	Paper Title	Paper Authors			
-16:20	RASSMon: Realtime Asynchronous Service Status Monitoring	Bianca Neagu, Corina Dulea, Horia V. Corcalciuc	1		
-16:40	Evaluation of Multi-Source Downloads for FTS	Alin Grigorean, Mihai Carabas, Nicolae Tapus, Mihnea Dulea, Maria Arsuaga-Rios			
-17:00	File caching and purging strategies in the Disk Pool Manager	Paul Dumitriu, Mihai Carabas, Nicolae Tapus, Mihnea Dulea			
-17:20	Implementing advanced data flow and storage management solutions within a multi-VO grid site	Mihai Ciubăncan, Mihnea Dulea	-		
-17:40			-		
	Closing Plenary Sessior	1			
	Presenter	r			Affiliation
	Calin Enachescu / Oc	tavian Rusu			Agency ARNIEC/RoEduNet
	Networking	Event	1		
	Networking				

Networking Event - Sighisoara

(L31)	
	Moderators/Speakers
twork le it is orm. ess Wi- specific	Ales Gosek
g the	
(L31)	
	Moderators/Speakers
twork le it is orm. ess Wi- specific g the	Ales Gosek
412)	
412)	Moderators/Speakers
412)	Moderators/Speakers
	<b>Moderators/Speakers</b> Miroslav Milinovic, CARNet/Src Sebastiano Buscaglione, GÉANT
<b>412)</b>	Miroslav Milinovic, CARNet/Src
	Miroslav Milinovic, CARNet/Src